

2020-1st nine life saver

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- ____ 1. Which skill are you using when you use your five senses to gather information?
 - a. posing questions
 - b. observing
- ____ 2. Facts, figures, and other evidence learned through observation are called
 - a. questions.
 - b. data.
- ____ 3. A hypothesis is
 - a. a possible explanation for observations.
 - b. a factor that is changed during an experiment.
- ____ 4. In an experiment, the variable that changes as a result of changes in the independent variable is the
 - a. controlled variable.
 - b. dependent variable.
- ____ 5. In a controlled experiment, a scientist is studying how long it takes parachutes of different sizes to fall to the ground. What is the independent variable?
 - a. the size of the parachute
 - b. the height from which the parachute is dropped
- ____ 6. Two or more substances combined so that each substance maintains its own properties is a(n) _____.
 - a. material
 - b. mixture
- ____ 7. Matter that is composed of only one kind of atom is called a(n) _____.
 - a. mixture
 - b. element
- ____ 8. Matter composed of two or more kinds of atoms always joined together in the same ratio is a(n) _____.
 - a. compound
 - b. element
- ____ 9. A characteristic that depends on the reaction of a substance to form other substances is a(n) _____.
 - a. physical property
 - b. chemical property
- ____ 10. A mixture that has the substance evenly distributed throughout is called _____.
 - a. a solution
 - b. a suspension